FIG. 1

# bad bytes	# avail symbols	# combinations	# symbols to address	# indicator symbols	Indicators
1	3	4	2	1	1
2	6	6	3	3	-1, 1, -1
3	9	4	2	7	-1, 1, X, ..., X
4	12	1	0	12	-1, -1, 1, X, ..., X

FIG. 5

FIG. 2

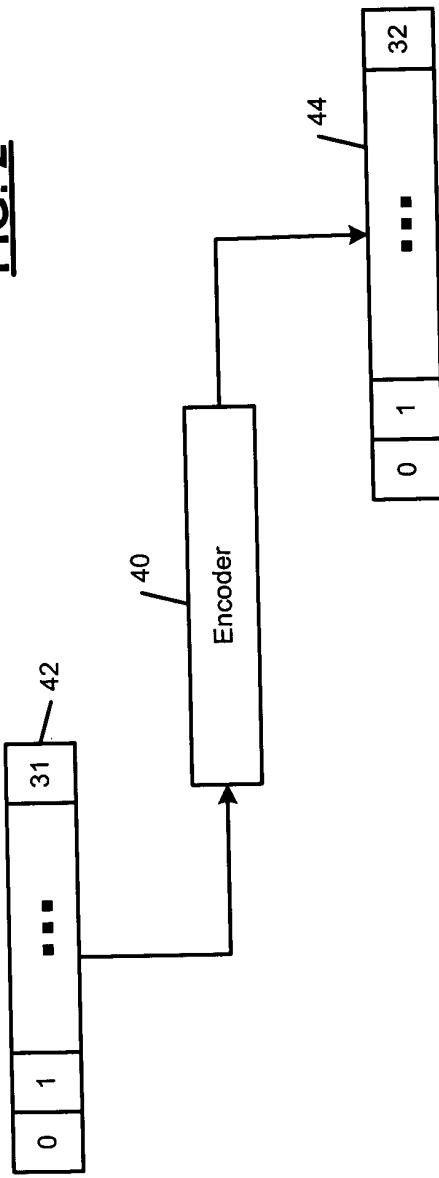
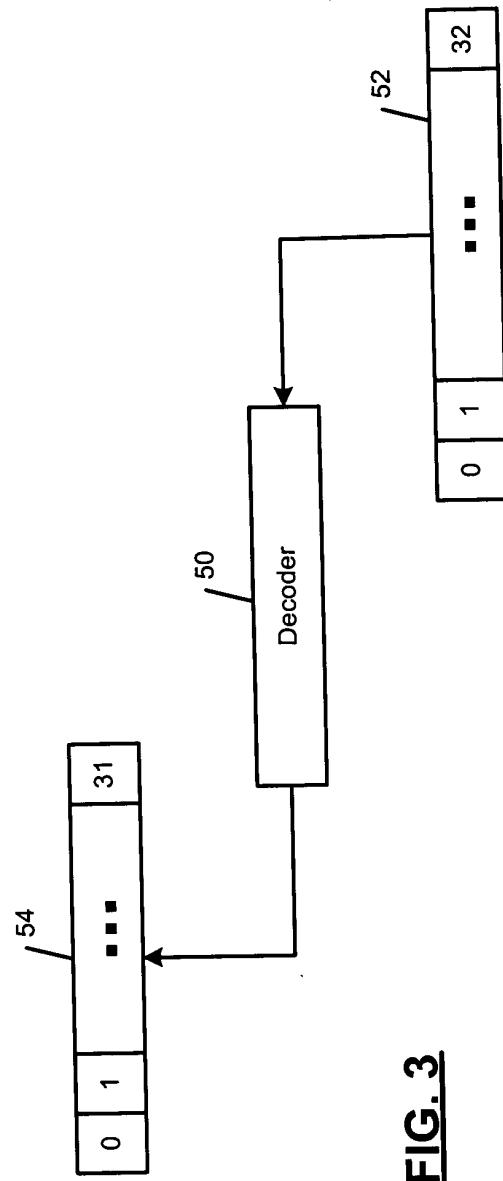
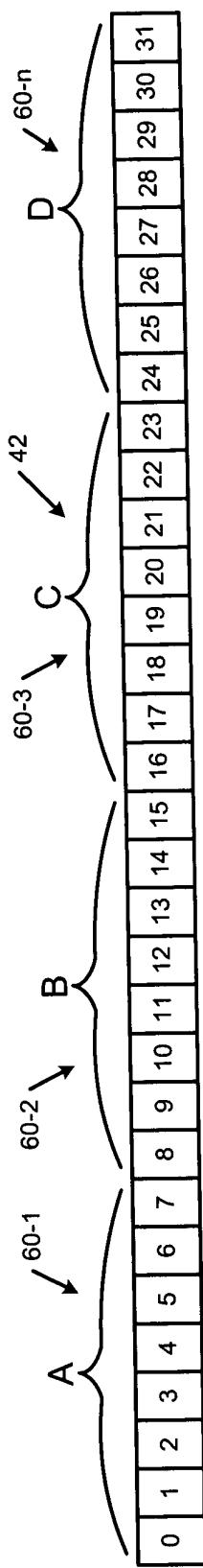
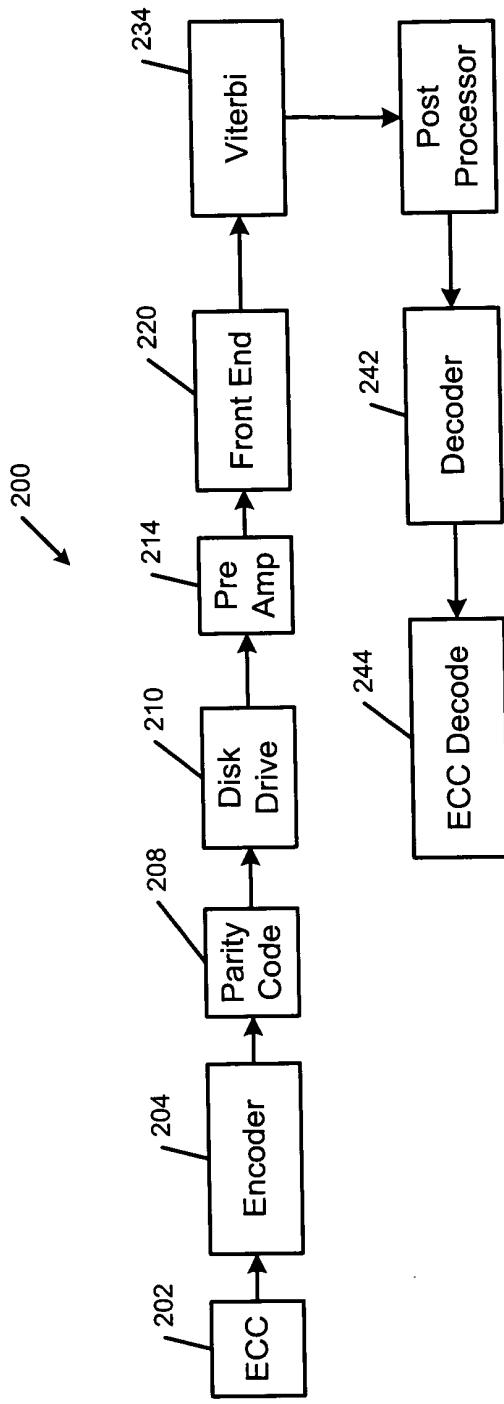


FIG. 3



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FIG. 4FIG. 11

"Bad Code Words	Indicator	Address	Code Word
-	-	-	{A,B,-1,C,D}
A	1	-1,-1	{B,1,-1,-1,Enc(A),1,C,D}
B	1	-1,1	{A,1,-1,1,Enc(B),1,C,D}
C	1	1,-1	{A,1,-1,-1,Enc(C),1,B,D}
D	1	1,1	{A,1,-1,-1,Enc(D),1,B,C}
A,B	-1,1,-1	1,-1,-1	{C,-1,1,-1,Enc(A),1,1,-1,Enc(B),D}
A,C	-1,1,-1	-1,1,-1	{B,-1,1,-1,Enc(A),1,-1,1,-1,Enc(C),D}
A,D	-1,1,-1	-1,-1,1	{B,-1,1,-1,Enc(A),1,-1,-1,1,Enc(D),C}
B,C	-1,1,-1	1,1,-1	{A,-1,1,-1,Enc(B),1,1,1,-1,Enc(C),D}
B,D	-1,1,-1	1,-1,1	{A,-1,1,-1,Enc(B),1,1,-1,1,Enc(D),C}
C,D	-1,1,-1	-1,1,1	{A,-1,1,-1,Enc(C),1,-1,1,1,Enc(D),B}
A,B,C	-1,1,1,-1 (3)	1,1	{Enc(A),-x,1,1,-1,1,1,Enc(B),1,-1,-x,x,Enc(C),D}
A,B,D	-1,1,1,-1 (3)	1,-1	{Enc(A),-x,1,-1,-1,1,Enc(B),1,-1,-x,x,Enc(D),C}
A,C,D	-1,1,1,-1 (3)	-1,1	{Enc(A),-x,-1,1,-1,1,1,Enc(C),1,-1,-x,x,Enc(D),B}
B,C,D	-1,1,1,-1 (3)	-1,-1	{Enc(B),-1,-1,-1,1,1,Enc(C),1,-1,-x,x,Enc(D),A}
A,B,C,D	-1,1,1,1 (8)	-	{Enc(A),1,-1,1,-1,1,1,Enc(B),1,1,-x,x,Enc(C),Enc(D),x,x,x}

FIG. 6

Input Byte	Output Word
1,1,1,1,1,1,-1	1,-1,1,-1,1,1
1,1,1,1,1,1,-1,1	1,-1,1,1,-1,1
1,1,1,1,1,-1,1,1	-1,1,-1,1,1,1
1,1,1,1,-1,1,1,1	1,1,1,-1,1,-1
1,1,1,1,-1,1,1,-1	1,1,1,1,-1,-1
1,1,1,-1,1,1,1	1,1,-1,1,1,-1
1,1,-1,1,1,1,1	1,1,-1,1,-1,1
1,-1,1,1,1,1,1,1	-1,1,1,1,-1,1,-1
-1,1,1,1,1,1,1,-1	-1,1,1,-1,1,1,1
1,1,1,1,1,1,1,1	-1,1,-1,1,1,1
1,-1,1,1,-1,1,1,-1	1,-1,1,1,1,1

FIG. 7

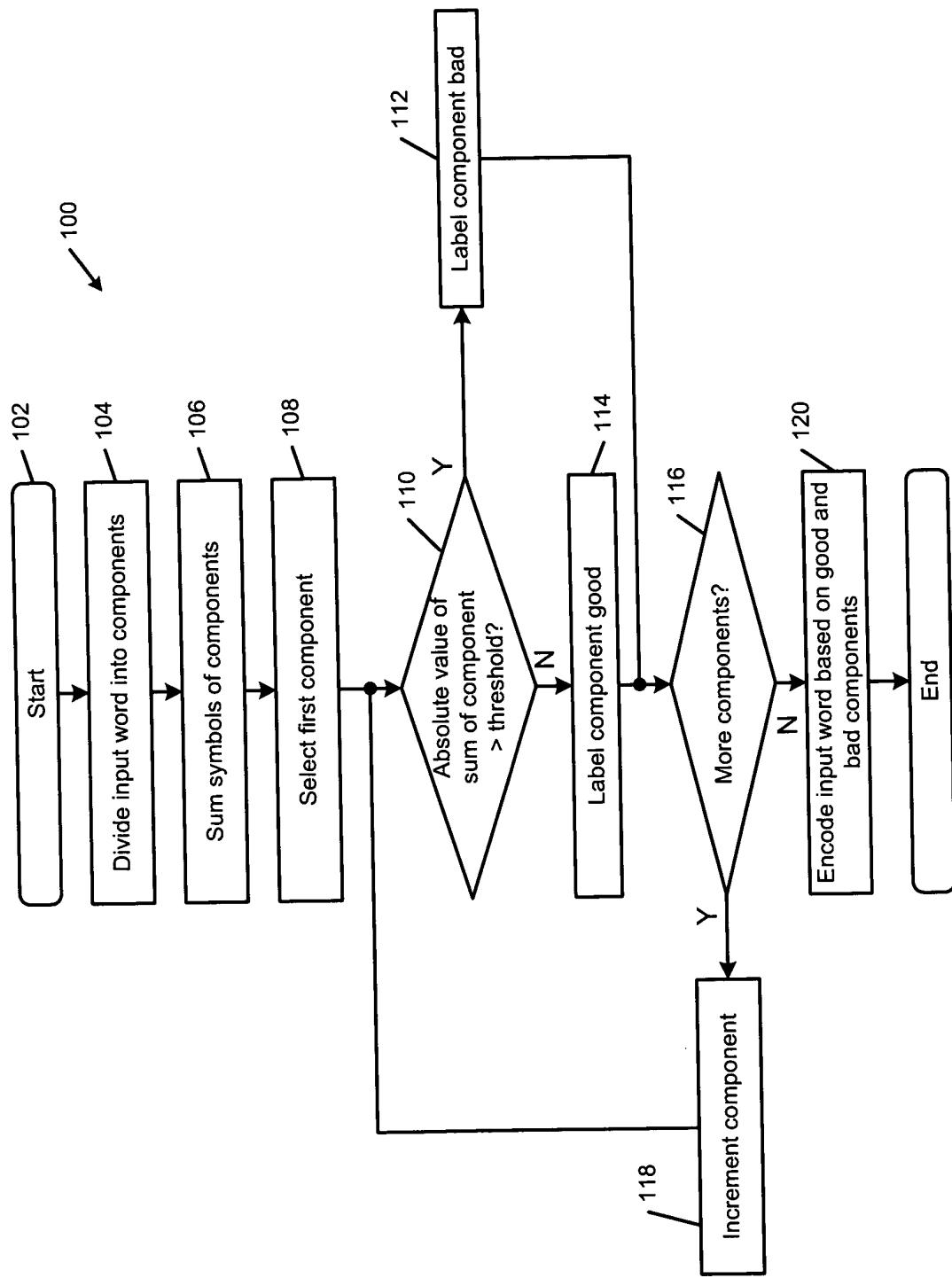
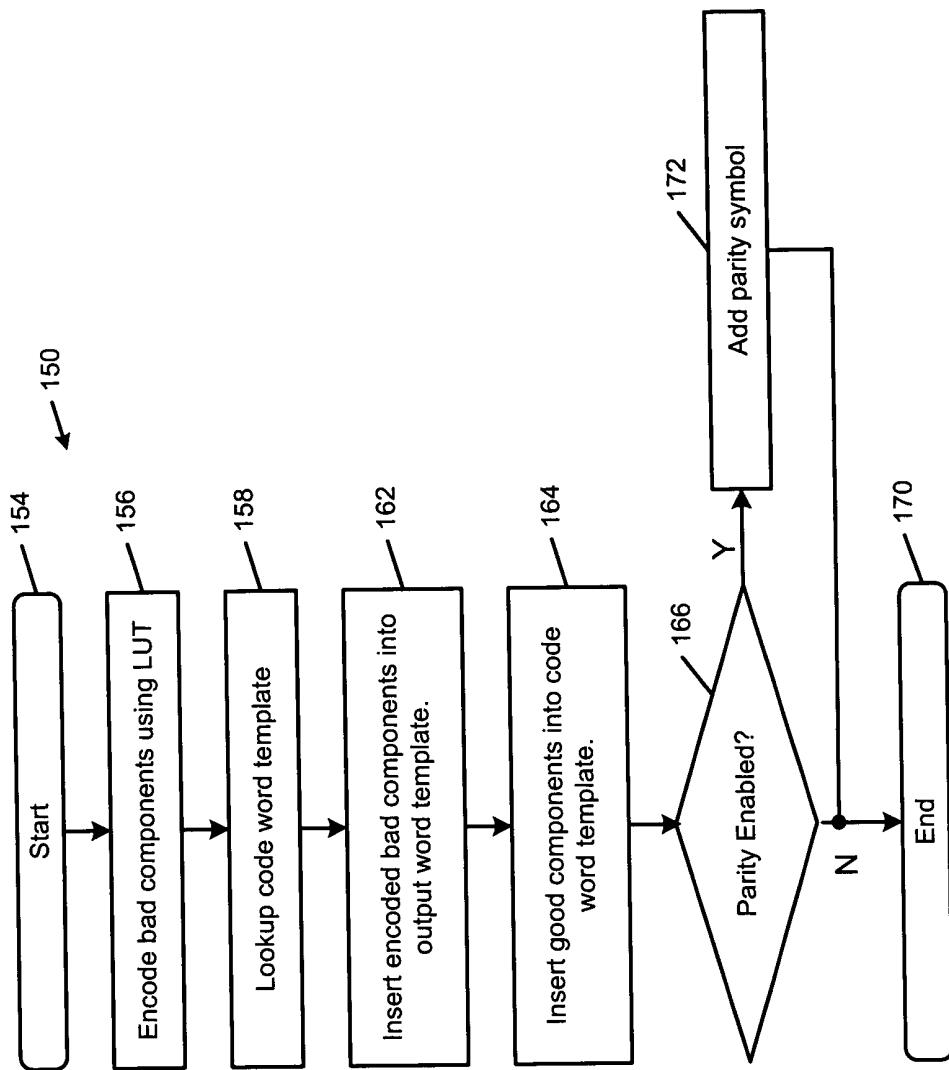
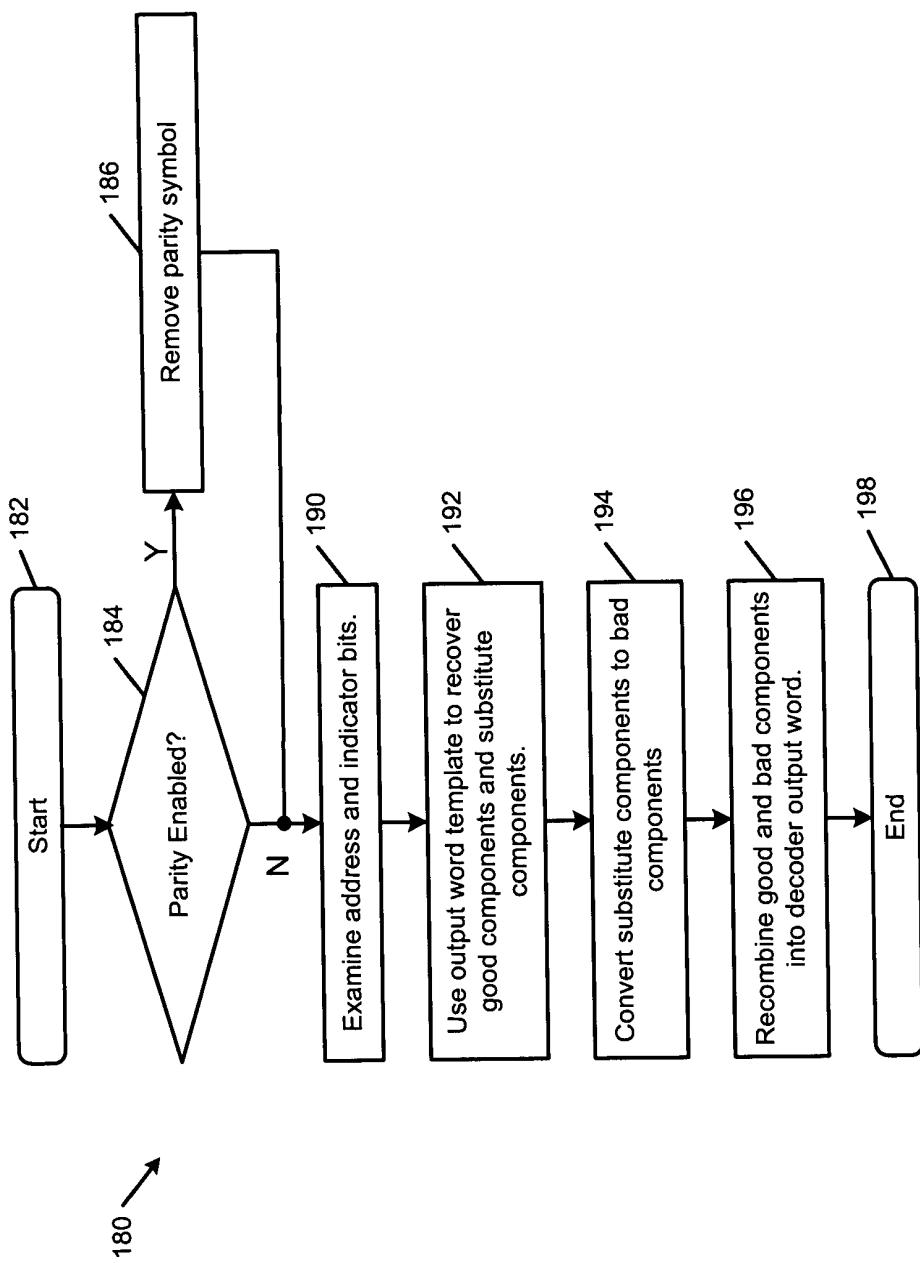


FIG. 8

**FIG. 9**

**FIG. 10**

